

IN THE CLAIMS

Please cancel claims 1-20 without prejudice.

This listing of claims replaces all prior versions, and listings, of claims in the application.

New Listing of the Claims

1.-20. (Cancelled)

21. (New) A method for detecting IgA or IgG anti-transglutaminase antibodies in liquid samples, the method comprising:

- a) providing a system comprising:
 - (i) an inert porous support wherein tissue transglutaminase antigen conjugated to a colored substance is deposited and dried, and wherein the support allows release and laminar flow of the conjugated antigen when contacted with a liquid sample; and
 - (ii) a membrane comprising a reactive zone which comprises immobilized tissue transglutaminase antigen.
- b) obtaining a liquid sample from the human
- c) adding the liquid sample to the inert porous support containing tissue transglutaminase antigen conjugated to a colored substance, wherein the conjugated antigen and/or immunocomplexes formed between antibodies in the sample and the conjugated antigen migrate to the reactive zone by laminar flow; and
- d) detecting reaction of the immunocomplexes described in step c) with the immobilized antigen,

wherein presence of the reaction immunocomplexes with the immobilized antigen indicates IgA or IgG anti-transglutaminase antibodies in the sample.

22. (New) The method according to claim 21, wherein the membrane further comprises a control zone, wherein the control zone comprises a control reagent which reacts with the conjugated antigen.

23. (New) The method according to claim 22, wherein the method further comprises detecting reaction of the conjugated antigen with the control reagent, wherein presence of the reaction of the conjugated antigen with the control reagent indicates performance of the method.

24. (New) The method according to claim 21, wherein the sample is blood.

25. (New) The method according to claim 21, wherein the sample is plasma.

26. (New) The method according to claim 21, wherein the sample is serum.